



**TOPWORX**

Emerson Process Management  
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**TopWorx Information Notice: TIN 2013-01 Final Report**  
Reference Event # ML13044A074  
13 March 2013

To Whom It May Concern:

This written final notification is in response to Event # ML13044A074 that was reported by TopWorx through TIN 2013-01. There were 13 total switches shipped to PGS Enrique Maria Hierro SL in Spain affected by this TIN. None of the switches were supplied to US licensees.

Replacement switches have been ordered by PGS Enrique Maria Hierro SL and are scheduled to ship March 15, 2013.

Corrective actions have been put in place to prevent this from reoccurrence at TopWorx. Actions include expiration dates being entered in the MRP system for each lot that will send alerts when the adhesive expires so that I can be segregated and discarded properly. Expiration date must be recorded on inspection and test plans for each build and will be confirmed by inspectors.

Included is the original notification.

Regards,

Alex Murphy  
Manger, Quality  
TopWorx  
3300 Fern Valley Road  
Louisville, KY 40213  
Fax: (502) 969-8000  
Phone: (502) 873-4602  
[Alex.Murphy@Emerson.com](mailto:Alex.Murphy@Emerson.com)

IE19  
NRR

Part 21 (PAR)

Event # 48741

<b>Rep Org:</b> TOPWORX		<b>Notification Date / Time:</b> 02/11/2013 15:26 (EST)	
<b>Supplier:</b> TOPWORX		<b>Event Date / Time:</b> 10/12/2012 (CST)	
<b>Last Modification:</b> 02/11/2013			
<b>Region:</b> 1	<b>Docket #:</b>		
<b>City:</b> LOUISVILLE	<b>Agreement State:</b> Yes		
<b>County:</b>	<b>License #:</b>		
<b>State:</b> KY			
<b>NRC Notified by:</b> BRIAN HAMPTON		<b>Notifications:</b> ANTHONY DIMITRIADIS	R1DO
<b>HQ Ops Officer:</b> DONALD NORWOOD		GEORGE HOPPER	R2DO
<b>Emergency Class:</b> NON EMERGENCY		PATTY PELKE	R3DO
<b>10 CFR Section:</b>		BOB HAGAR	R4DO
21.21(d)(3)(i)	DEFECTS AND NONCOMPLIANCE	PART 21 RX GROUP	E-MAIL

## PART 21 REPORT - SWITCHES BUILT WITH ADHESIVE BEYOND ITS EXPIRATION DATE

TopWorx discovered that switches were built and shipped using adhesive G909 that was beyond its manufacturer's recommended expiration date. Adhesion properties of the expired adhesive cannot be guaranteed against the deleterious effects of seismic events, thermal aging, and high dose radiation. The switches involved were TopWorx M8-24521-P4 shipped on 12 October 2012 and TopWorx M8-2352T-P4 shipped on 8 November 2012. Both shipments were sent to PGS Enrique Maria Hierro S.L. in Spain.

If the units mentioned above are found to be installed in an environment that may expose them to the conditions of seismic events, thermal aging, and/or high dose radiation, then the units should be replaced.

Per TopWorx, there were 13 switches shipped. All switches were shipped to Spain. No switches were shipped to US licensees.

Technical questions or concerns should be addressed to Alex Murphy, Manager, Quality, (502) 873-4602.

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ML13044A074

JE19  
MRL





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**TopWorx Information Notice: TIN 2013-01**  
**11 February 2013**

**Subject:** M8 Switches

**From:**

Brian Hampton  
Vice President, Strategic Planning  
TopWorx  
3300 Fern Valley Road  
Louisville, KY 40213  
Fax: (502) 969-7315

A handwritten signature in black ink, appearing to read 'Brian Hampton', written over the printed name and title.

**Equipment Affected By This Information Notice:**

*M8-24521-P4 shipped on 12 October 2012*  
*M8-2352T-P4 shipped on 8 November 2012*

**Purpose:**

The purpose on this TopWorx Information Notice (TIN) is to alert users of the M8-24521-P4 shipped on 12 October 2012 and M8-2352T-P4 shipped on 8 November 2012, that TopWorx was made aware of a situation which may affect the performance of the aforementioned equipment.

We are informing you of this circumstance in accordance with Sections 21.21 (b) and 50.55 (e) of 10CFR21.

**Applicability:**

This notice applies only to TopWorx M8-24521-P4 shipped on 12 October 2012 and M8-2352T-P4 shipped on 8 November 2012 to PGS Enrique Maria Hierro S.L.

**Discussion:**

Recently TopWorx has discovered that the above mentioned switches were built and shipped using adhesive G909 that was beyond its manufacturing recommended expiration date. Although we have confirmed that the adhesive has properly hardened the adhesion properties of the expired G909 adhesive cannot be guaranteed against the deleterious effects of seismic events, thermal aging, and high dose radiation.

**Actions Required:**

If the units mentioned above are to be installed in an environment that may expose them to the conditions of seismic events, thermal aging, and / or high dose radiation then the units should be replaced.

**10CFR21 Implications:**

TopWorx requests that the recipient of this notice review it and take appropriate action in accordance with 10CFR21.

If there are any technical questions or concerns, please contact:

Alex Murphy  
Manger, Quality  
TopWorx  
3300 Fern Valley Road  
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Fax: (502) 969-8000  
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